



Contract provides foundation for analysis of threats

by Fran Crumb, Information Directorate

ROME, N.Y. — The Air Force Research Laboratory Information Directorate has awarded a \$1,340,000 contract to Trusted Information Systems of Glenwood, Md., for research to develop design and assessment techniques and tools for information assurance.

The 27-month agreement, “Unified Modeling Language for Information Assurance,” is funded by the Defense Advanced Research Projects Agency of Arlington, Va., as part of the Information Assurance Science and Engineering Tools program.

“Trusted Information Systems, NAI Labs, Networks Associates, Inc. will develop a structured approach to uniformly express information assurance countermeasures and provide a foundation for continued system analysis as the system and the threats evolve,” said Carla L. Burns, program manager in the directorate’s Information Technology Division.

“The goal of this research is to better understand countermeasures in the context of the system design process by leveraging and extending a structured design language called the Unified Modeling Language,” Burns said. “This work will enable information assurance engineers to capture information assurance designs, facilitate in-depth analysis for countermeasure trade-offs, support adversary interaction modeling and provide a method to design and conduct information assurance experiments.”

Information Assurance is regarded as crucial to Department of Defense efforts to counter cyber aggression and meet the challenges of the information age. A broad range of potential threats exists to the military’s information infrastructure and its ability to maintain information superiority in future conflicts. @